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COMMITTEE ON THE PEACEFUL
USES OF OUTER SPACE

INFORMATION FURNISHED IN CONFORMITY WITH THE CONVENTION ON REGISTRATION OF OBJECTS LAUNCHED INTO OUTER SPACE

Note verbale dated 17 May 1994 from the Permanent Representative of India to the United Nations addressed to the Secretary-General

The Permanent Representative of India to the United Nations (Vienna) presents his compliments to the Secretary-General of the United Nations and, in accordance with the Convention on Registration of Objects Launched into Outer Space,* has the honour to transmit information concerning the SROSS-C2 satellite, launched from Sriharikota, India, by its launch vehicle ASLV-D4 (see annex).

*General Assembly resolution 3235 (XXIX), annex, of 12 November 1974.

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Annex

REGISTRATION DATA FOR INDIAN SPACE LAUNCHES*

(a) Name of the launching State or States : India

(b) An appropriate designator of the space object or its registration number : SROSS-C2

(c) Date and territory or location of launch :

Launch Vehicle : ASLV-D4 (Augmented Satellite Launch Vehicle)

Launch Date : 4 May 1994

Launch Site : Sriharikota, India

(d) Basic orbital parameters :

Orbital Characteristics : Low Earth Orbit

Angle of Inclination : 46.2 deg
Period : 98 min
Apogee : 938 km
Perigee : 437 km

(e) General function of the space object :

Purpose : SROSS-C2 satellite carries two scientific payloads:

(i) Retarding Potential Analyser (RPA), consisting of two planar detectors to measure plasma parameters and investigate energetics of the equatorial ionosphere;

(ii) Gamma Ray Burst (GRB) detectors, consisting of two scintillation detectors to study celestial gamma-ray bursts in the energy range of 20 keV to 3000 keV.

*The registration data are reproduced in the form in which they were received.